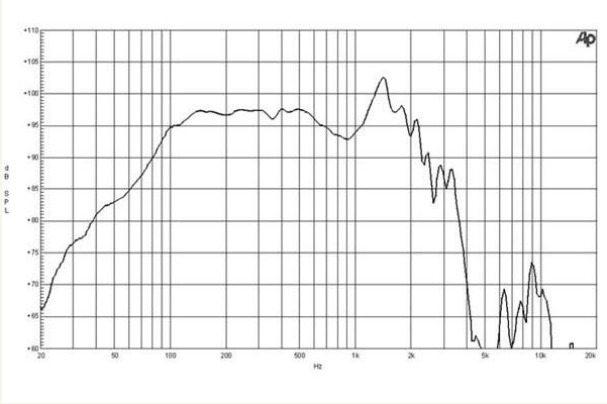
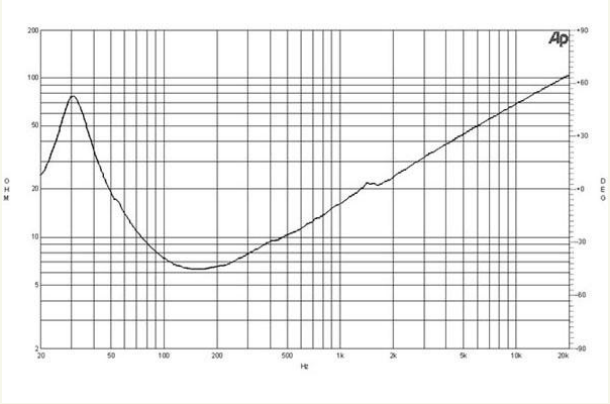
18NW100 | Subwoofer

2000 W continuous program power capacity
100 mm (4 in) copper voice coil
35 – 1000 Hz response
98 dB sensitivity
FEA optimized Neodymium magnet assembly
Double silicone spider with optimized compliance
Ventilated voice coil gap for reduced power compression





Specification

Nominal Diameter	460 (18) mm (in)
Nominal Impedance (1)	8 Ohm
Minimum Impedence	6.3 Ohm
Nominal Power Handling (2)	1000 W
Continuous Power Handling (3)	2000 W
Sensitivity (1W/1m) (4)	98 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 (4) mm (in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 (1) mm (in)
Magnetic Gap Depth	12 (1/2) mm (in)
Flux Density	1.2 T

Thiele & Small Parameters

Fs	31 Hz
Re	5.1 Ohm
Qes	0.27
Qms	4.2
Qts	0.26
Vas	252 (8.9) dm3 (ft3)
Sd	1210 (187.6) cm2 (in2)
Eta Zero	2.7 %
Xmax	+/- 9 mm
Xvar	+/- 11 mm
Mms	211 g
Bl	28 Txm
Le	1.7 mH

Mounting and Shipping Info

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	209 mm (8.2 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	9.3 kg (20.5 lb)
Shipping Weight	10.8 kg (23.8 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

[1] For different impedances, please ask.
[2] 2 hours test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
[3] Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
[4] Applied RMS Voltage is set to 2.83V for 8 ohms or 2.0V for 4 ohms Nominal Impedance